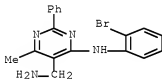


TITLE: Synthesis and antibacterial properties of
 pyrimidopyrimidines
 AUTHOR(S): Cieplik, Jerzy; Pluta, Janusz; Gubrynowicz, Olaf
 CORPORATE SOURCE: Department of Organic Chemistry, Medical Academy,
 Wroclaw, 50-137, Pol.
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 AB The paper presents the synthesis of newly prepared derivs. of 6-methyl-2-
 phenyl-4-phenylamino-5-aminomethylpyrimidine and 5-methyl-1,7-diphenyl-
 1,2,3,4-tetrahydropyrimido[4,5-d]pyrimidine and also the results of microbiol.
 studies. Pyrimidopyrimidine derivs. prepared show a certain analogy in their
 chemical structure to quinolone structures and also- as might have been
 expected - they inhibit to a large extent the growth of bacterial strains, in
 some cases better than some antibiotics and sulfonamides used at present.
 IT 515167-37-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation)
 (synthesis and antibacterial properties of pyrimidopyrimidines)
 RN 515167-37-0 HCAPLUS
 CN 5-Pyrimidinemethanamine, 4-[(2-bromophenyl)amino]-6-methyl-2-phenyl- (CA
 INDEX NAME)



CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
 Section cross-reference(s): 1
 IT 515167-37-0P 515167-39-2P 515167-41-6P
 515167-43-8P 515167-45-0P 515167-47-2P
 515167-49-4P 515167-51-8P 515167-53-0P 515167-55-2P
 515167-57-4P 515167-59-6P 515167-61-0P 515167-63-2P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
 (Biological study); PREP (Preparation)
 (synthesis and antibacterial properties of pyrimidopyrimidines)
 IT 515167-31-4P 515167-33-6P 515167-35-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis and antibacterial properties of pyrimidopyrimidines)